

435/270
Riley
1037

10814

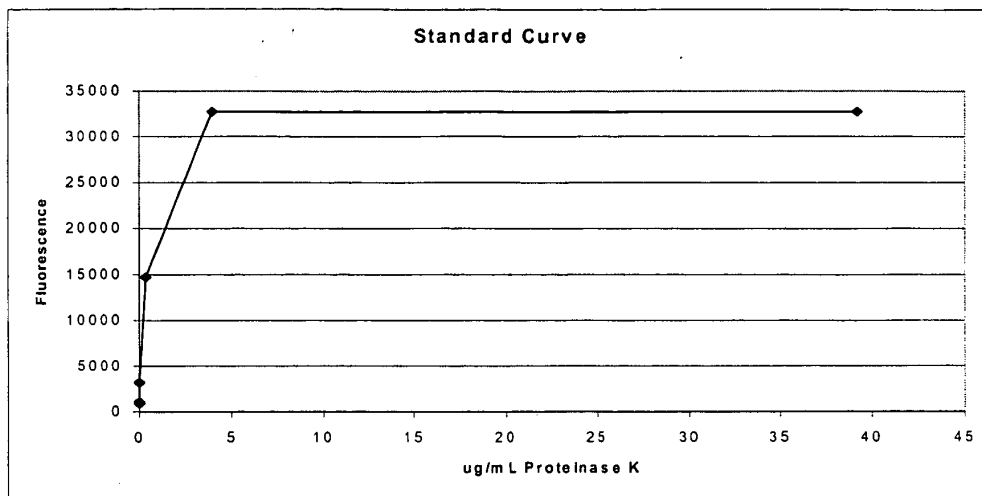


Figure 1

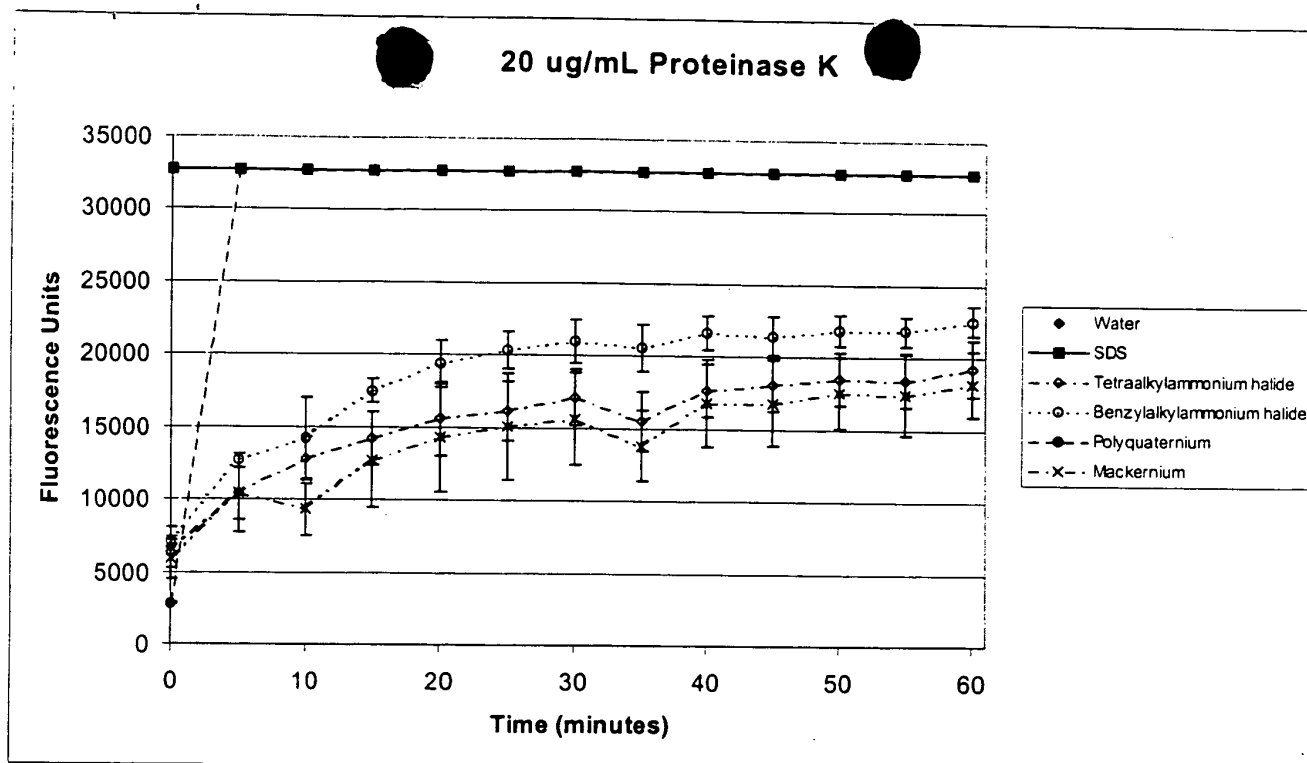


Figure 2A

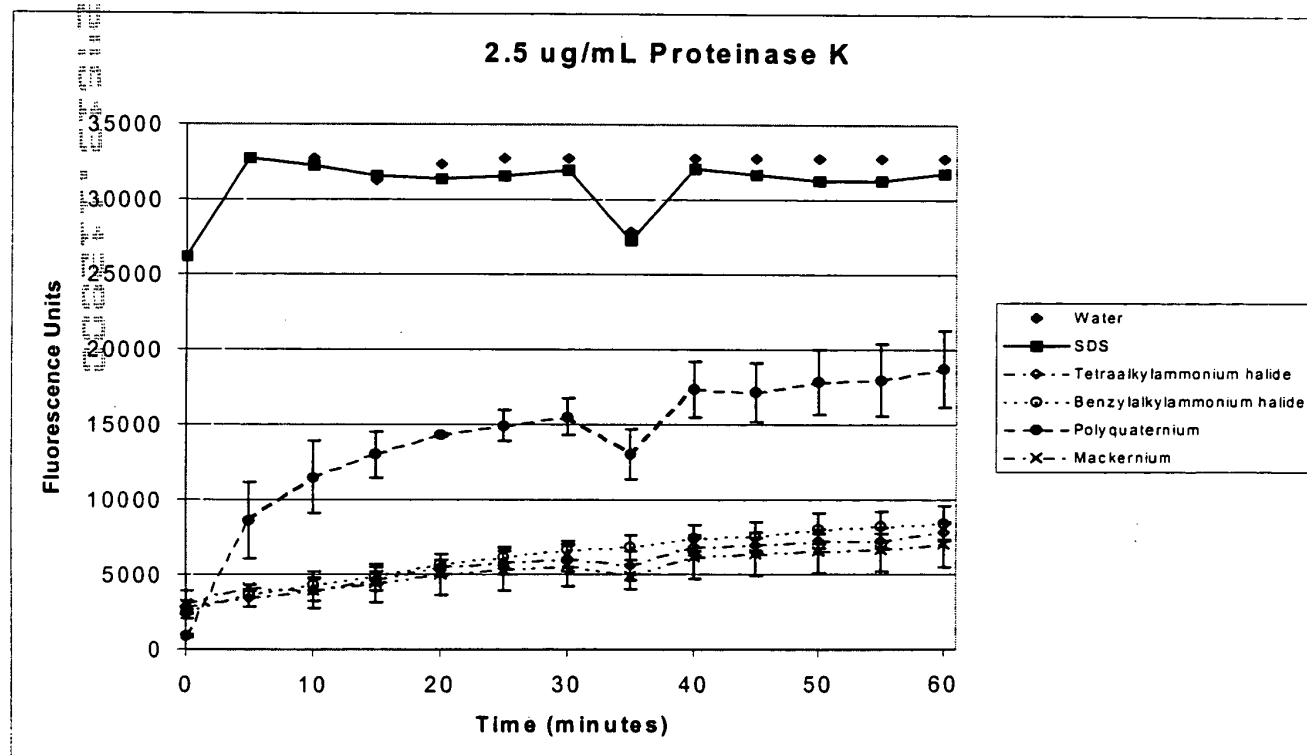


Figure 2B

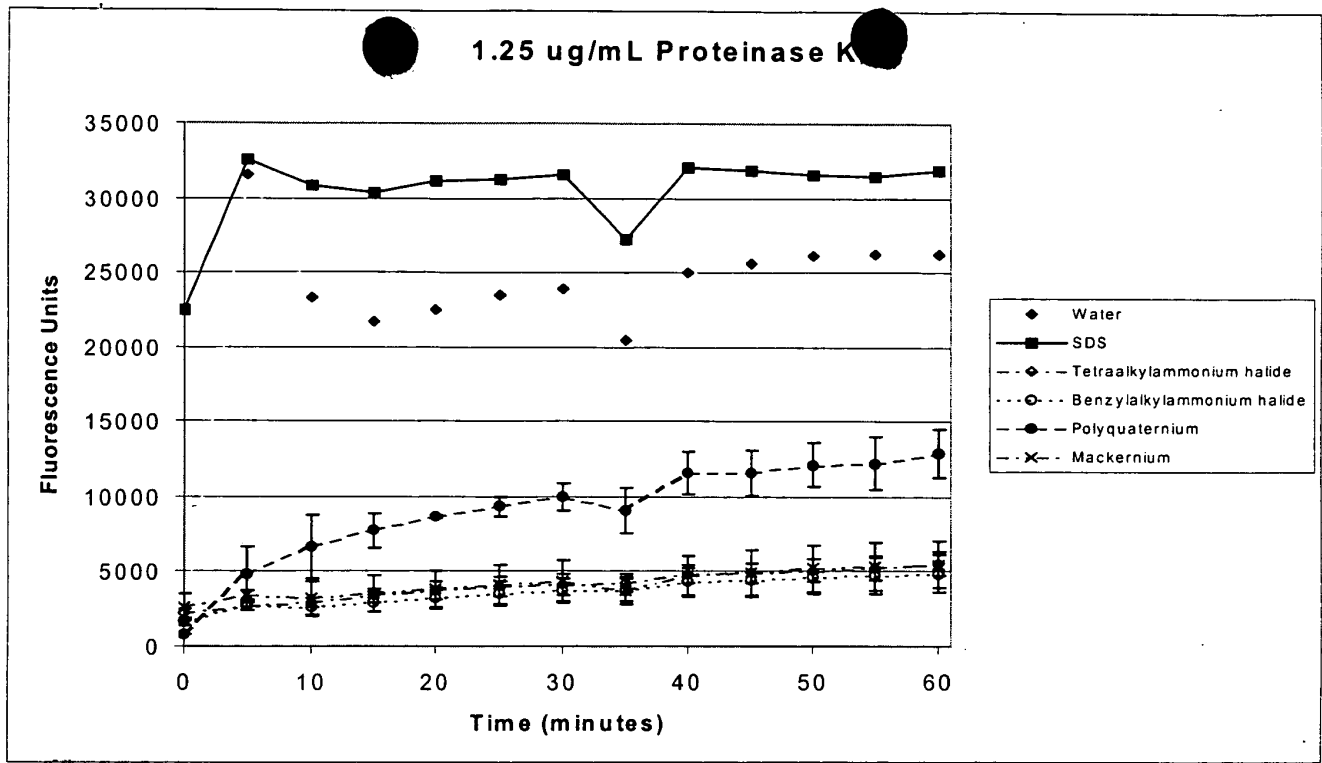


Figure 2C

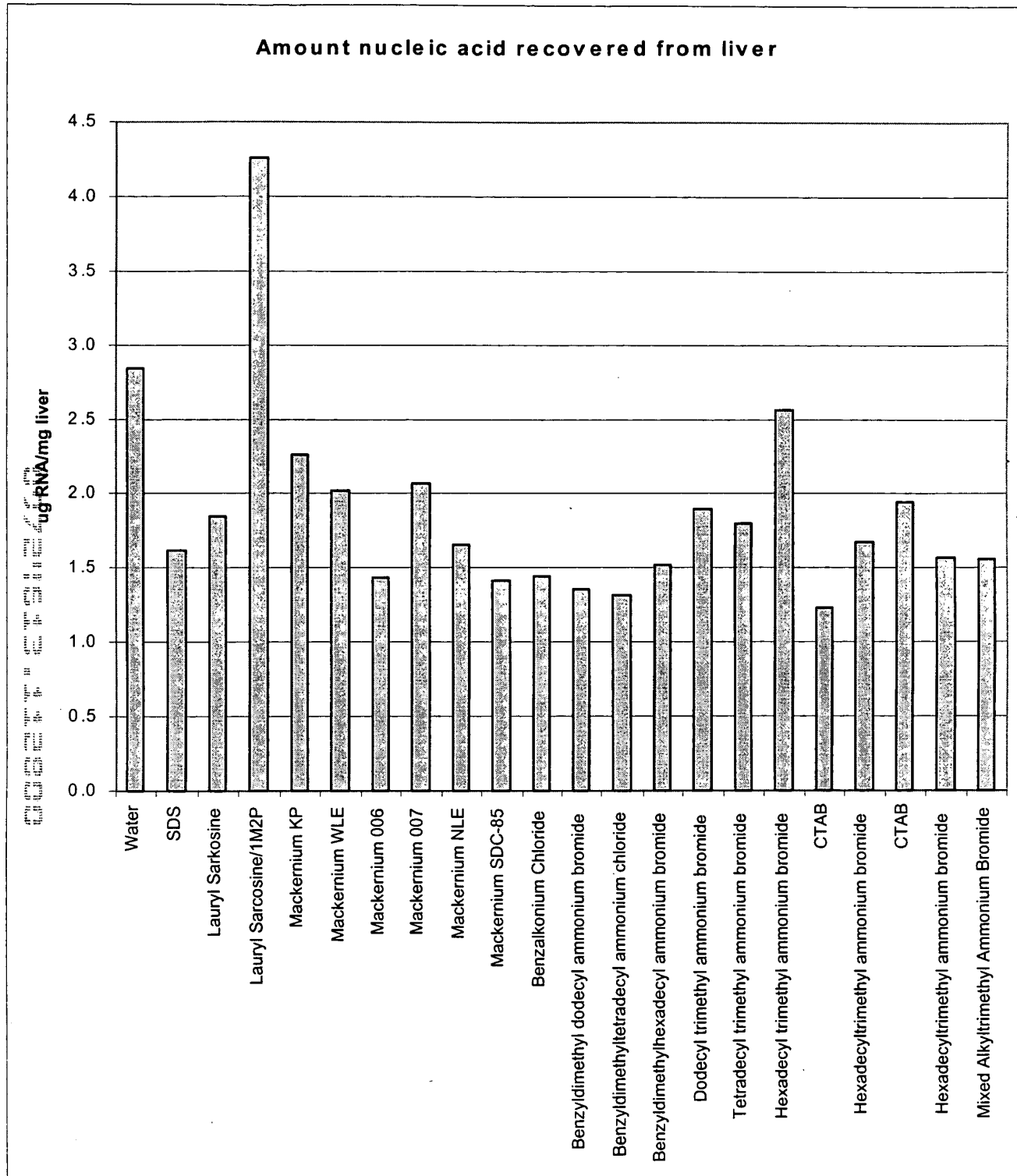


Figure 3

1 KB standard
RNA Ladder
Control RNA
Sup: Water
Sup: SDS
Sup: Mackernium KP
Sup: Mackernium WLE
Sup: Benzaloniun Chloride
Sup: Mackernium 006
Sup: Mackernium 007
Sup: Mackernium NLE
Sup: Dodecyl trimethyl ammonium bromide
Sup: Tetradecyl trimethyl ammonium bromide
Sup: Hexadecyl trimethyl ammonium bromide
Sup: CTAB
Sup: Mackernium SDC-85
Sup: Mixed Alkyl trimethyl ammonium bromide (C ₁₄)
Sup: Benzyl dimethyl ammonium bromide
Sup: Benzyl dimethyl hexadecyl ammonium chloride
Sup: Benzyl dimethyl tetradecyl ammonium chloride

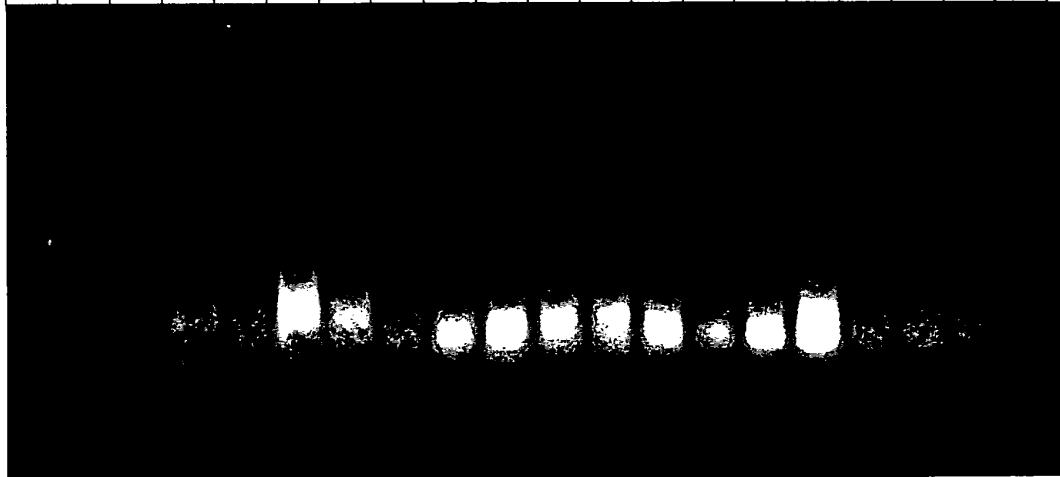


Figure 4

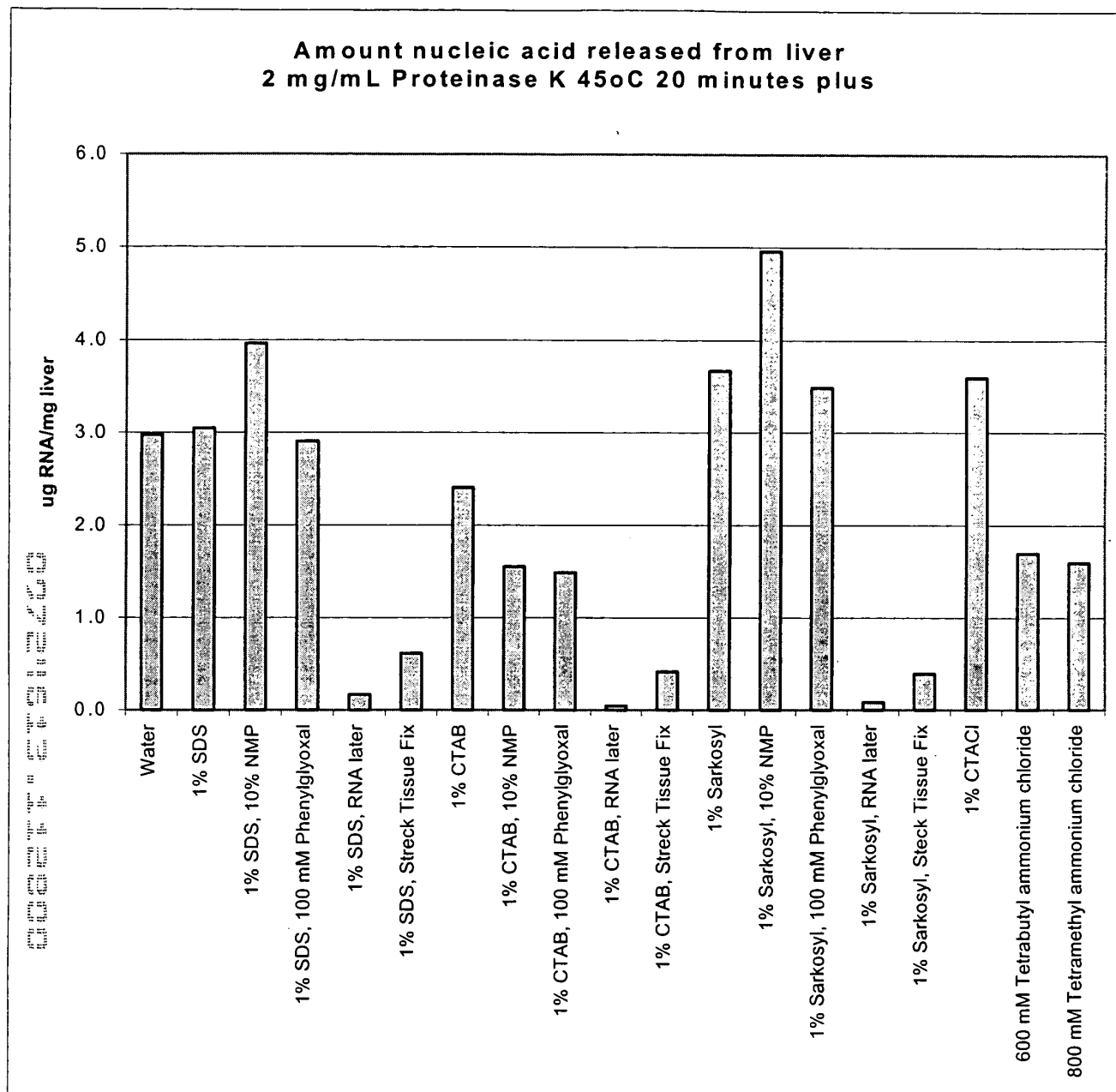


Figure 5

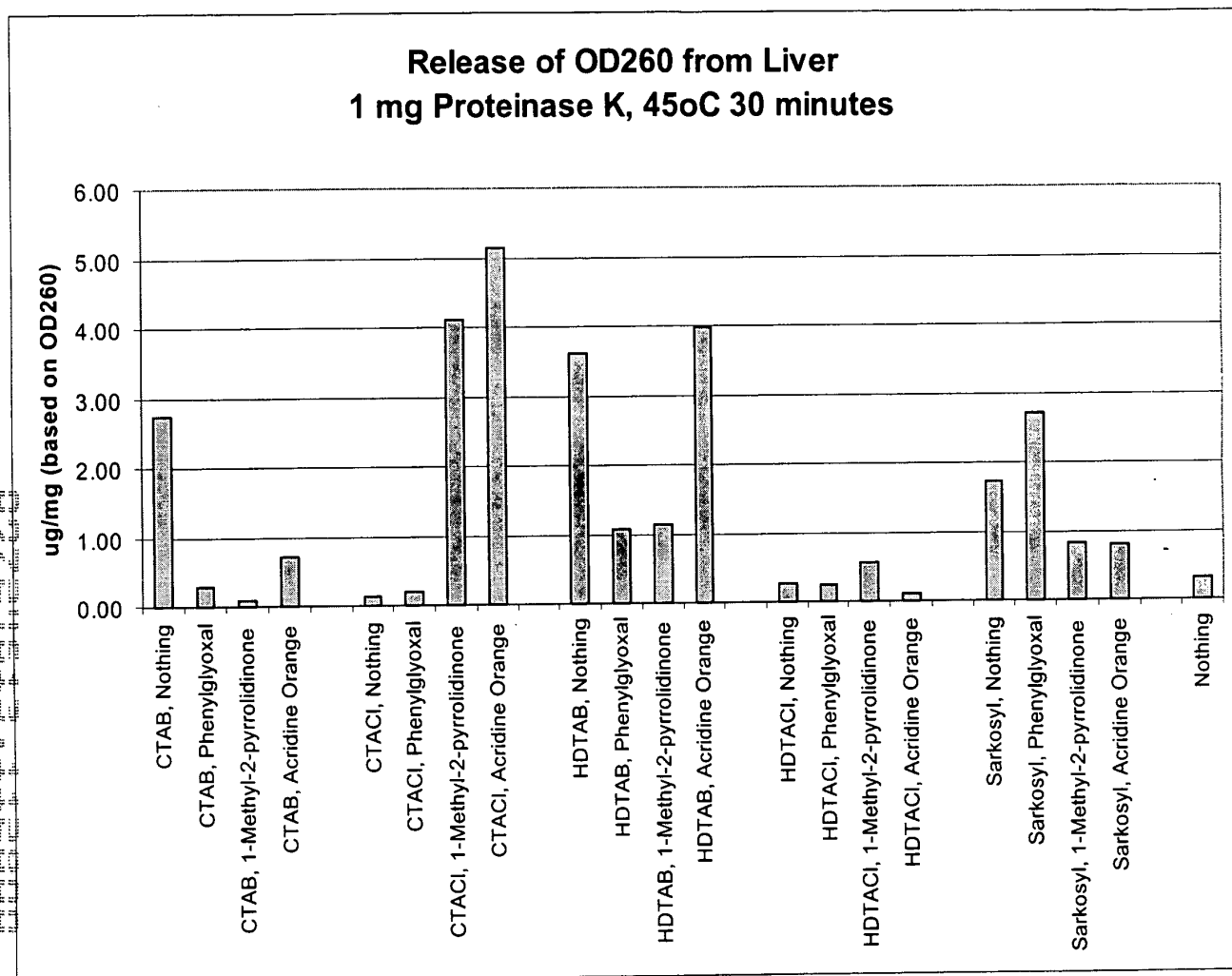


Figure 7

**Effect of Tissue Presoaking
1 mg Proteinase K, 45°C 30 minutes**

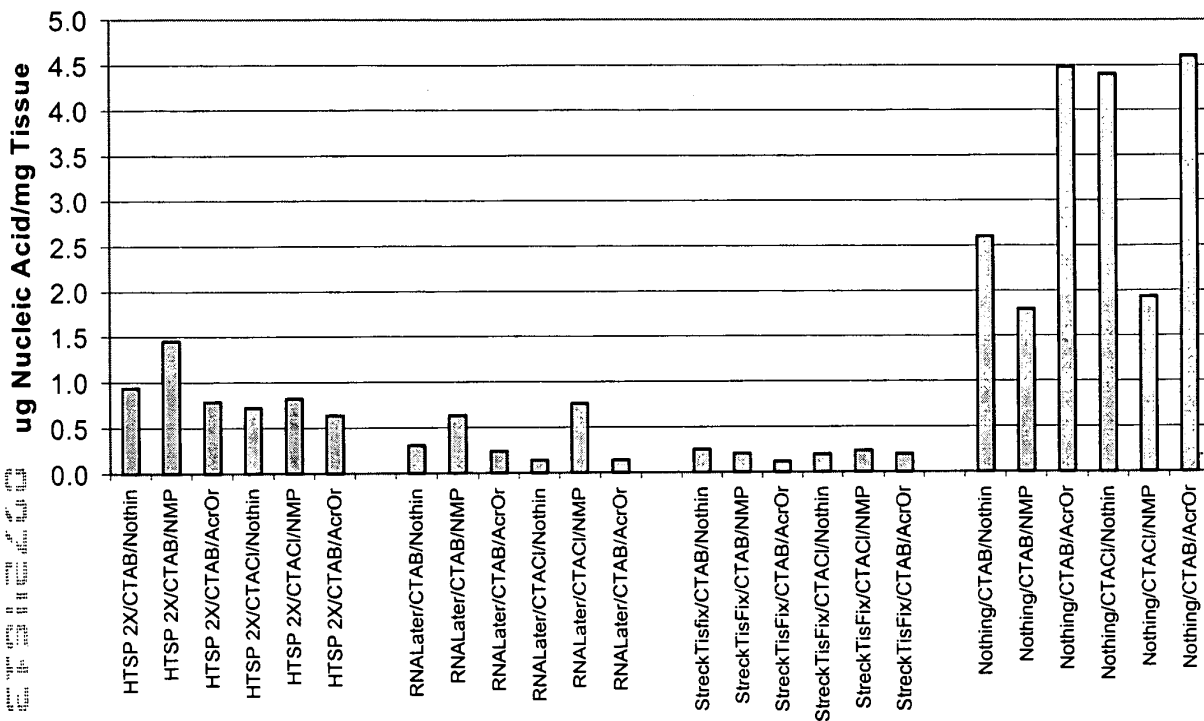


Figure 9

		2XHTSP		RNA Later		Streck Tissue Fixat		Nothing	
		CTAB	CTACI	CTAB	CTACI	CTAB	CTACI	CTAB	CTACI
		Nothing		Nothing		Nothing		Nothing	
		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone	
		Acridine Orange		Acridine Orange		Acridine Orange		Acridine Orange	
		Nothing		Nothing		Nothing		Nothing	
		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone	
		Acridine Orange		Acridine Orange		Acridine Orange		Acridine Orange	
		Nothing		Nothing		Nothing		Nothing	
		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone	
		Acridine Orange		Acridine Orange		Acridine Orange		Acridine Orange	
		Nothing		Nothing		Nothing		Nothing	
		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone		1-methyl-2-pyrrolidinone	
		Acridine Orange		Acridine Orange		Acridine Orange		Acridine Orange	

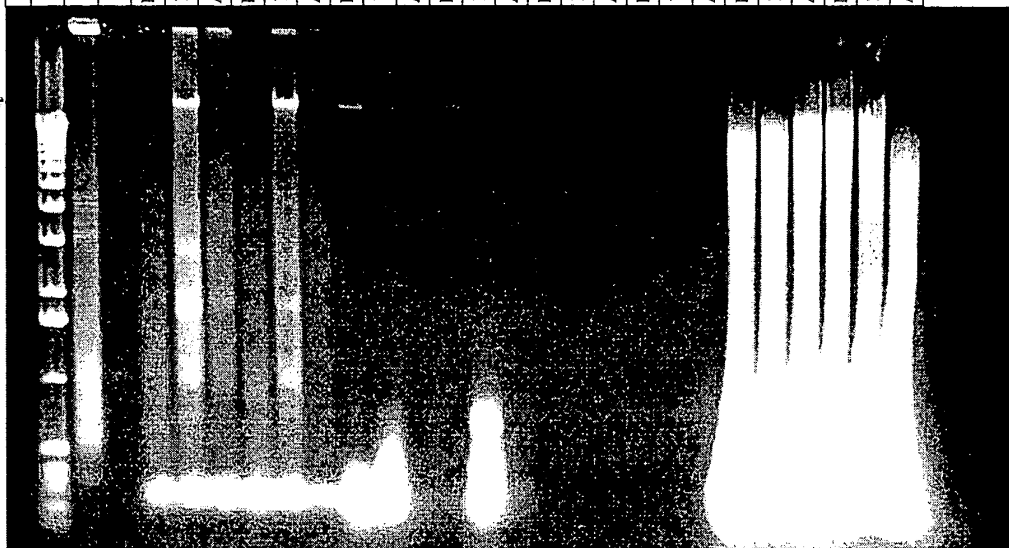


Figure 10

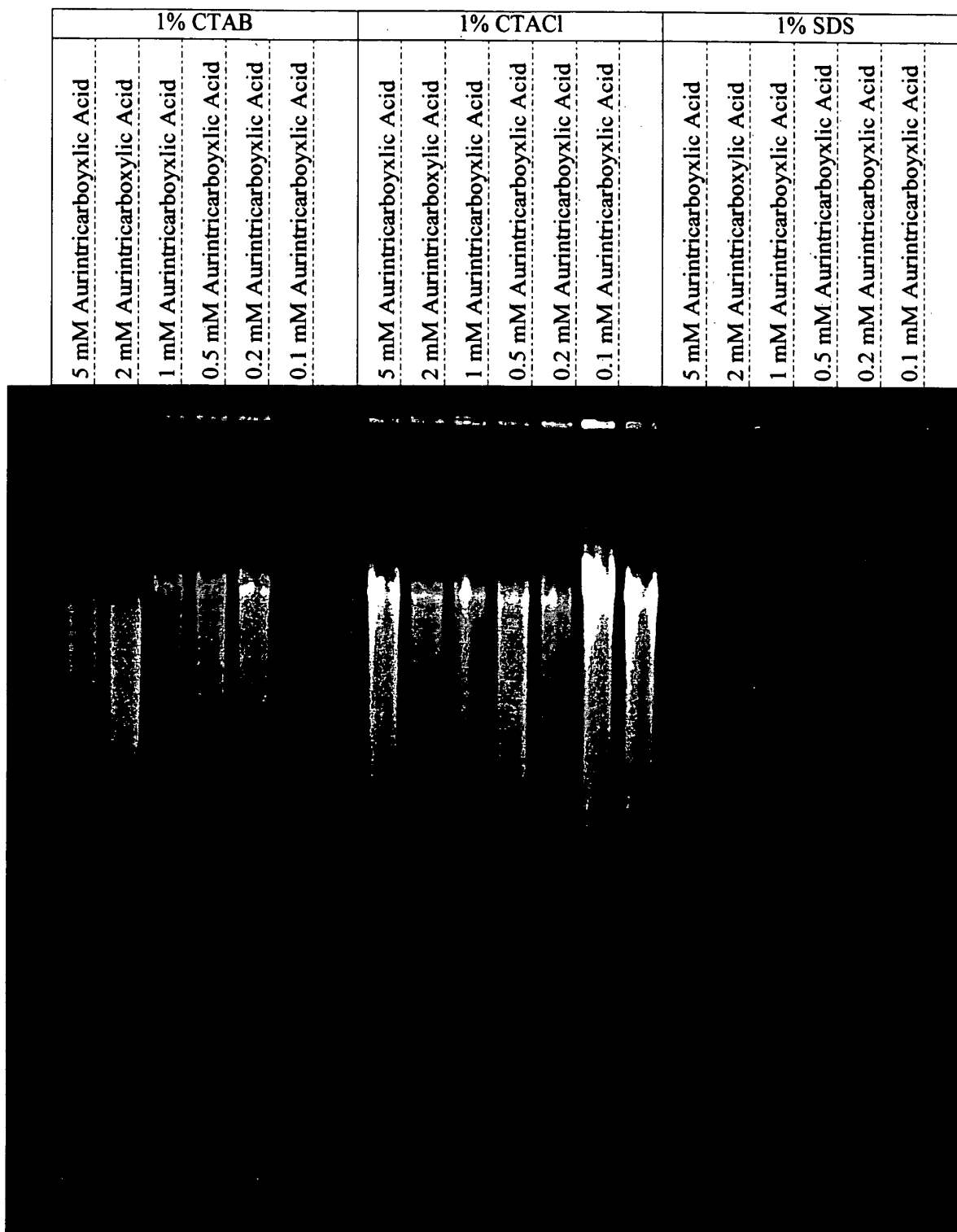


Figure 11

